

CONNECTOR ASSEMBLY FOR MONITORING
PRINTER INK

ABSTRACT OF THE DISCLOSURE

An electrical connector includes at least one body having a passageway for a flow of a conductive fluid. A first conductive pin is in fluid communication with the passageway, and a second conductive pin is in fluid communication with the passageway, wherein a conductive path is established through the conductive ink between the first and conductive pins when the conductive fluid flows through the passageway.